LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018424.D
Acq On : 24 Sep 2020 13:21
Operator : SY/MD
Sample : L4110-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AK5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.316	63	70	85	rVB	184960	181903	16.56%	2.129%
2	1.579	144	152	166	rBV	138191	156506	14.25%	1.831%
3	2.123	310	321	338	rBV	287867	432019	39.33%	5.055%
4	2.312	374	380	385	rBV2	961	957	0.09%	0.011%
5	2.357	390	394	395	rBV	182	136	0.01%	0.002%
6	2.451	414	423	426	rBV2	441	774	0.07%	0.009%
7	2.528	440	447	455	rVB4	2537	3728	0.34%	0.044%
8	2.775	521	524	525	rBV2	294	156	0.01%	0.002%
9	2.859	547	550	558	rBV2	130	197	0.02%	0.002%
10	2.981	583	588	592	rBV2	143	130	0.01%	0.002%
11	3.007	592	596	601	rBV2	133	135	0.01%	0.002%
12	3.061	608	613	623	rVB5	1130	1847	0.17%	0.022%
13	3.113	623	629	631	rBV	153	144	0.01%	0.002%
14	3.650	789	796	800	rBV2	134	128	0.01%	0.001%
15	3.721	815	818	822	rVB2	163	112	0.01%	0.001%
16	3.788	835	839	849	rBV2	133	201	0.02%	0.002%
17	3.830	849	852	857	rBV	131	114	0.01%	0.001%
18	3.913	867	878	927	rBV	66387	201870	18.38%	2.362%
19	4.376	1005	1022	1053	rBV	171233	421591	38.38%	4.933%
20	4.483	1053	1055	1060	rVB2	238	115	0.01%	0.001%
21	4.537	1070	1072	1077	rVB3	288	252	0.02%	0.003%
22	4.560	1077	1079	1083	rVB2	260	145	0.01%	0.002%
23	4.647	1103	1106	1108	rBV	385	193	0.02%	0.002%
24	4.730	1129	1132	1137	rVB	173	127	0.01%	0.001%
25	5.074	1220	1239	1277	rBV2	429366	1098515	100.00%	12.854%
26	5.589	1396	1399	1403	rVB2	160	115	0.01%	0.001%
27	5.640	1403	1415	1443	rBV	354003	702467	63.95%	8.220%
28	5.929	1494	1505	1525	rBV2	26801	54008	4.92%	0.632%
29	6.093	1543	1556	1582	rBV	239172	482365	43.91%	5.644%
30	6.270	1608	1611	1614	rVB3	256	178	0.02%	0.002%
31	6.360	1632	1639	1642	rBV	264	285	0.03%	0.003%
32	6.457	1664	1669	1673	rBV2	168	191	0.02%	0.002%
33	6.650	1726	1729	1735	rVB2	140	157	0.01%	0.002%
34	6.688	1736	1741	1743	rBV	140	116	0.01%	0.001%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

35	6.817	1776	1781	1788	rBV2	89	111	0.01%	0.001%
36	7.010	1829	1841	1871	rBV	134982	246056	22.40%	2.879%
37	7.222	1900	1907	1911	rVB3	152	174	0.02%	0.002%
38	7.267	1916	1921	1926	rVB3	262	296	0.03%	0.003%
39	7.338	1931	1943	1964	rBV	517010	888326	80.87%	10.395%
40	7.643	2027	2038	2068	rBV	97243	169820	15.46%	1.987%
41	7.958	2127	2136	2146	rBV	1294	1997	0.18%	0.023%
42	8.003	2148	2150	2157	rVB2	255	156	0.01%	0.002%
43	8.109	2172	2183	2221	rBV2	218273	424300	38.62%	4.965%
44	8.273	2227	2234	2248	rVB7	2658	5519	0.50%	0.065%
45	8.396	2270	2272	2275	rVB3	205	127	0.01%	0.001%
46	8.518	2304	2310	2318	rVB2	242	283	0.03%	0.003%
47	8.807	2397	2400	2405	rVB	148	127	0.01%	0.001%
48	8.871	2409	2420	2461	rBV	541659	878262	79.95%	10.277%
49	9.167	2506	2512	2520	rBV3	749	1044	0.10%	0.012%
50	9.447	2593	2599	2604	rVB2	117	174	0.02%	0.002%
51	9.489	2605	2612	2614	rBV2	114	129	0.01%	0.002%
52	9.569	2628	2637	2645	rBV4	505	827	0.08%	0.010%
53	9.682	2667	2672	2674	rBV2	156	154	0.01%	0.002%
54	9.730	2683	2687	2689	rBV	186	132	0.01%	0.002%
55	9.749	2690	2693	2697	rVB2	367	289	0.03%	0.003%
56	9.881	2731	2734	2741	rVB2	194	199	0.02%	0.002%
57	9.916	2741	2745	2748	rBV2	157	153	0.01%	0.002%
58	9.961	2753	2759	2763	rBV3	271	323	0.03%	0.004%
59	10.238	2833	2845	2867	rBV	269528	421360	38.36%	4.931%
60	10.402	2889	2896	2905	rVB2	2905	3994	0.36%	0.047%
61	10.476	2913	2919	2924	rBV2	452	614	0.06%	0.007%
62	10.563	2942	2946	2953	rBV3	497	727	0.07%	0.009%
63	10.601	2953	2958	2965	rVB2	1690	1969	0.18%	0.023%
64	10.637	2965	2969	2973	rBV2	109	127	0.01%	0.001%
65	10.733	2996	2999	3004	rBV2	147	129	0.01%	0.002%
66	10.907	3050	3053	3057	rVB	269	166	0.02%	0.002%
67	10.942	3057	3064	3072	rBV2	1091	1631	0.15%	0.019%
68	11.068	3099	3103	3106	rBV2	237	179	0.02%	0.002%
69	11.177	3132	3137	3143	rBV3	889	860	0.08%	0.010%
70	11.212	3145	3148	3151	rVB2	303	246	0.02%	0.003%
71	11.270	3154	3166	3186	rBV	574209	871307	79.32%	10.196%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

72	11.486	3231	3233	3236	rBV	510	256	0.02%	0.003%
73	11.553	3245	3254	3270	rBV2	13710	24822	2.26%	0.290%
74	11.646	3271	3283	3304	rVB	545613	833564	75.88%	9.754%
75	11.772	3319	3322	3326	rBV2	194	147	0.01%	0.002%
76	11.810	3326	3334	3344	rVB5	3425	4639	0.42%	0.054%
77	11.990	3385	3390	3393	rBV	167	173	0.02%	0.002%
78	12.006	3393	3395	3400	rVB2	208	172	0.02%	0.002%
79	12.032	3400	3403	3405	rBV2	177	134	0.01%	0.002%
80	12.273	3471	3478	3486	rVB2	742	1247	0.11%	0.015%
81	12.367	3500	3507	3520	rVB5	6402	9952	0.91%	0.116%
82	12.440	3527	3530	3532	rBV2	305	138	0.01%	0.002%
83	12.678	3599	3604	3608	rVB3	399	405	0.04%	0.005%
84	12.794	3637	3640	3645	rVB2	139	113	0.01%	0.001%
85	12.907	3670	3675	3682	rVB3	1170	1283	0.12%	0.015%
86	13.032	3711	3714	3719	rBV2	160	135	0.01%	0.002%
87	13.286	3791	3793	3799	rVB2	342	332	0.03%	0.004%
88	13.457	3844	3846	3849	rBV2	383	233	0.02%	0.003%
89	13.537	3863	3871	3872	rBV2	673	681	0.06%	0.008%
90	13.643	3901	3904	3908	rVB2	209	140	0.01%	0.002%
91	13.781	3941	3947	3953	rBV3	385	426	0.04%	0.005%
92	14.151	4059	4062	4066	rVB3	345	283	0.03%	0.003%
93	14.180	4066	4071	4077	rBV2	313	350	0.03%	0.004%
94	14.235	4085	4088	4093	rVB2	280	224	0.02%	0.003%
95	14.424	4141	4147	4148	rBV2	222	242	0.02%	0.003%
96	14.479	4161	4164	4167	rBV2	233	169	0.02%	0.002%
97	14.659	4217	4220	4221	rBV2	327	201	0.02%	0.002%
98	14.852	4274	4280	4287	rVB3	546	737	0.07%	0.009%
99	15.932	4614	4616	4618	rBV2	441	216	0.02%	0.003%
100	16.058	4653	4655	4657	rBV2	428	201	0.02%	0.002%

Sum of corrected areas: 8545779

LSC Report - Integrated Chromatogram

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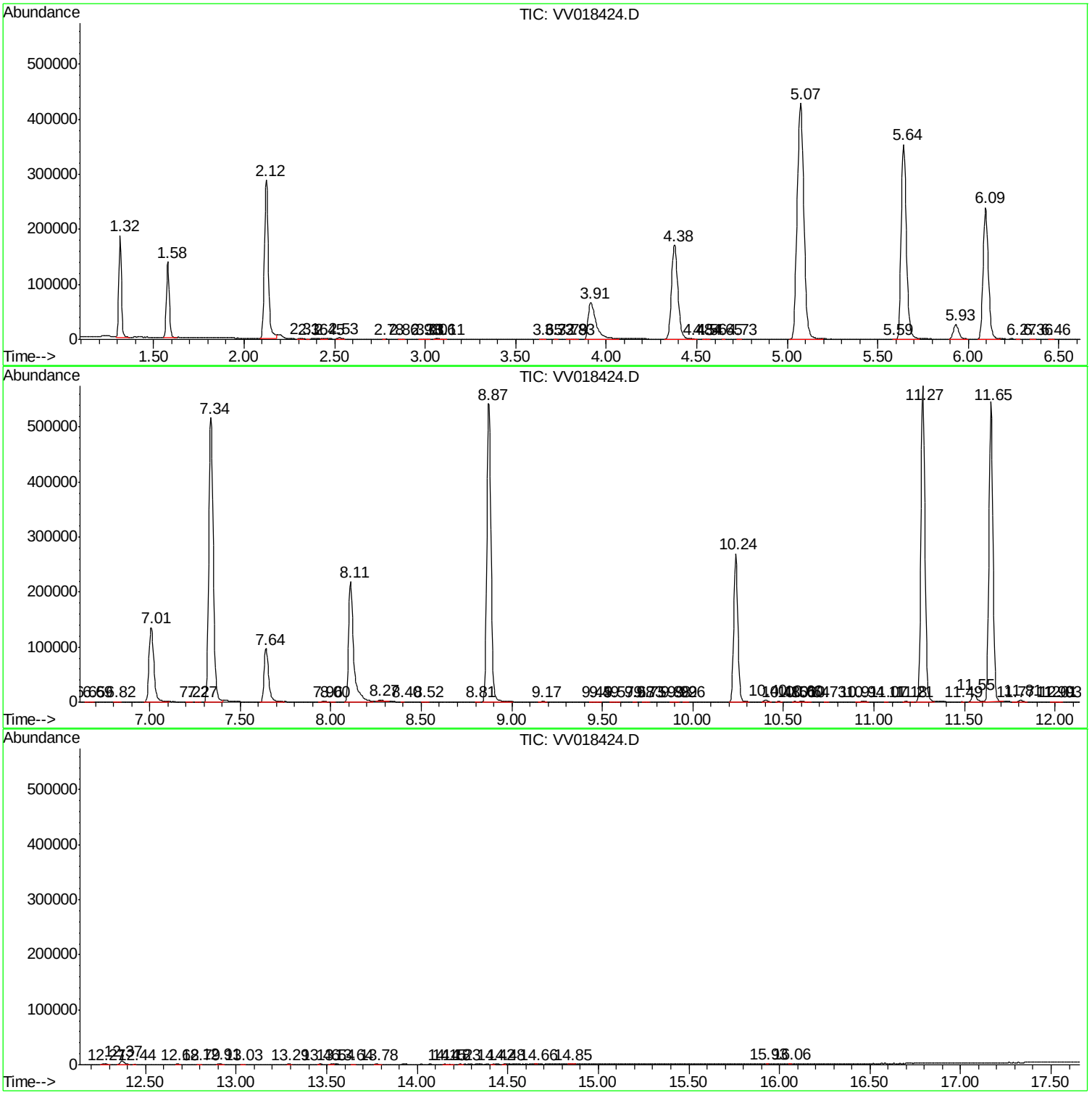
Instrument : MSVOA_V
ClientSampleId : C0AK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
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Acq On : 24 Sep 2020 13:21
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

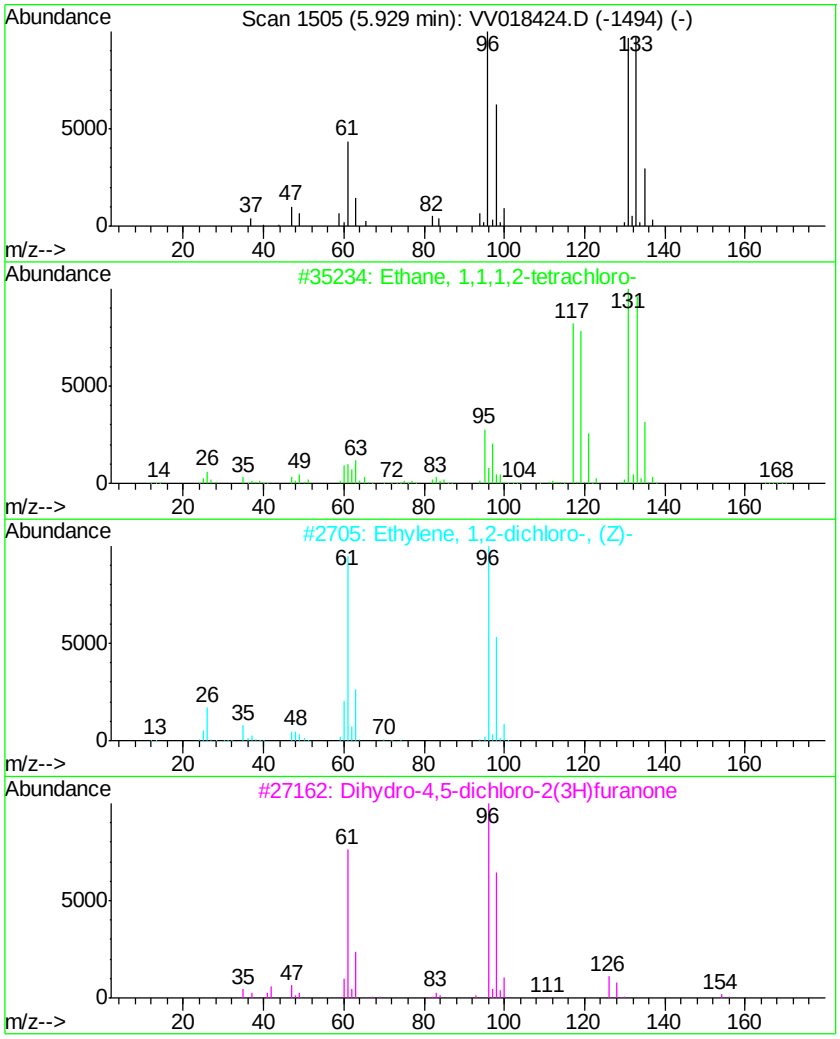
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

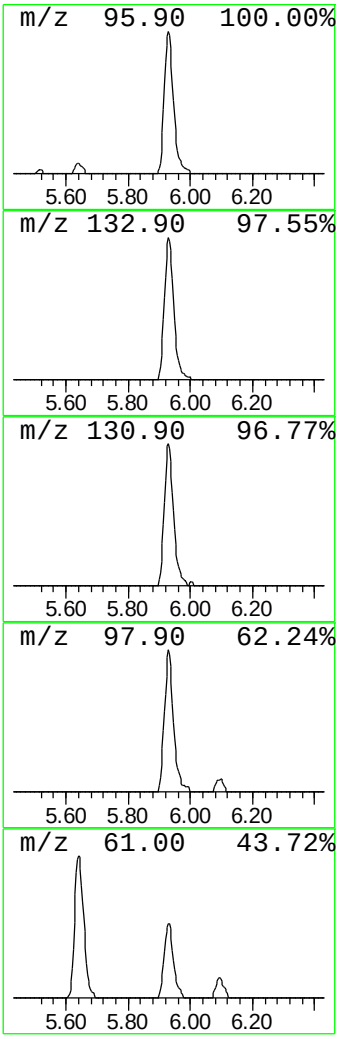
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.84 ug/L	54008	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
4	m-Methoxybenzontrile	133	C8H7NO	001527-89-5	9
5	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.93	3.8	ug/L	54008	1	5.64	702467	50.0